



Jayawant Shikshan Prasarak Mandal's  
**JSPM Narhe Technical Campus**

S. No. 12/2/2 and 14/9, Narhe, Tal : Haveli, Dist.: Pune – 411041

Phone : +91 20 2460 8700, 701, 702 Email : director@jspmntc.edu.in Web : www.jspmntc.edu.in

Affiliated to Savitribai Phule Pune University. Approved by AICTE New Delhi and DTE Maharashtra.

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**Department of AI & DS Engineering**  
**Academic year 2024-25**  
**CircuitCrew Club Report**

**Aim:**

The primary aim of CircuitCrew Club is to foster innovation, creativity, and technical excellence in the field of electronics and computer engineering. Our goal is to provide a platform for students to enhance their technical skills and contribute to solving real-world challenges through collaboration and teamwork.

**Club Members:**

Sr.No	Name	Designation	Photo
1	Siddhant Kenjale	President	
2	Shriraj Deshpande	Vice-President	

3	Aryan Mane	Secretary	
4	Deepankar Rokade	Treasurer	
5	Aryan Patil	R & D Head	

### Objectives:

1. To promote hands-on learning and application of engineering principles.
2. To organize workshops and activities that develop problem-solving and design thinking skills.
3. To encourage participation in national-level competitions to showcase talent and gain exposure.

4. To build a strong network of like-minded individuals passionate about technology and innovation.

## **Vision**

- To be a leading platform for innovation and technical development.
- Empower students to create impactful projects and solve real-world problems.
- Contribute to the advancement of technology for the benefit of society.

## **Mission**

- Promote creativity and problem-solving through STEM projects.
- Equip students with skills for success in technical fields.
- Encourage interdisciplinary collaboration and research.
- Support student startups and entrepreneurship.
- Provide technical education to underprivileged communities.

## **Future Plans :**

- Expansion of Workshop Topics
- Launch of Startups
- Community Outreach and Awareness
- Advanced Infrastructure and Tools
- Alumni Network & Mentorship
- Providing Quality Education to
- Underprivileged Children

## **Activities Conducted in 2024-2025:**

## 1. Workshop at Blossom Public School

The club conducted a series of workshops at Blossom Public School, introducing students to basic electronics, robotics, and coding.

These sessions were designed to ignite interest in STEM (Science, Technology, Engineering, and Mathematics) among school students.

The response was highly positive, with active participation and engagement from the students.

## 2. Participation in Smart India Hackathon

Club members formed a team and actively participated in the prestigious Smart India Hackathon competition.

This platform allowed members to work on real-world problem statements provided by industries and government organizations, enhancing their technical and collaborative skills.

## 3. Participation in eYantra Robotics Competition

Our members took part in the eYantra Robotics Competition, organized by IIT Bombay.

Through this competition, the participants developed advanced robotics projects, learned about automation, and explored the practical aspects of electronics and software integration.

### **Competitions :**

- E-Yantra Competition: Developing a logistics drone to enhance supply chain efficiency in Warehouse

- Smart India Hackathon: Creating a drone to deliver critical supplies, medicines, and equipment to soldiers at the Indo-China border.
- Smart India Hackathon: Developing a traffic management system using machine learning to optimize traffic flow and reduce congestion.

### **Achievements:**

- Successfully introduced school students to technology through workshops.
- Gained invaluable experience and recognition through participation in national-level competitions.
- Strengthened team-building and problem-solving capabilities within the club.

### **Conclusion:**

The CircuitCrew Club continues to strive towards excellence by engaging in meaningful activities and competitions that provide opportunities for learning, growth, and contribution to society. We look forward to more impactful initiatives and achievements in the coming year.